

Iowa Department of Natural Resources  
Wastewater Section  
Construction Permit Application  
**SCHEDULE R2B, Low Rate Land Application of Sludge, Part II**

DATE PREPARED	PROJECT IDENTITY	DNR USE
DATE REVISED		PROJECT NO.
		PERMIT NO.

  

1. Has a Schedule R2A been submitted for this project? Yes ☐ No ☐
  
2.
  - a. Location of land used for sludge application (use legal description) \_\_\_\_\_  
 of Section \_\_\_\_\_, Township \_\_\_\_\_, Range \_\_\_\_\_  
 Site is (owned by) (leased from) \_\_\_\_\_ Zoning status \_\_\_\_\_
  
  - b. Total area, this tract of land \_\_\_\_\_ acres  
 General slope of land \_\_\_\_\_ % maximum slope \_\_\_\_\_ %
  
  - c. Type primary land use: \_\_\_\_\_ % of total \_\_\_\_\_  
 \_\_\_\_\_ % of total \_\_\_\_\_  
 \_\_\_\_\_ % of total \_\_\_\_\_
  
  - d. Type of land access control provided \_\_\_\_\_
  
3. Maximum sludge application rate \_\_\_\_\_ tons/year/acre (dry weight)
  
4. Classifications of the top five feet of soil in land application area \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ (based on USDA soil classifications)
  
5. pH of the soil surface horizon or plow area \_\_\_\_\_  
 If necessary, how will soil pH be adjusted? \_\_\_\_\_
  
6.
  - a. Will the maximum time period between sludge application and sludge incorporation ever exceed 48 hours? Yes ☐ No ☐  
 If yes, explain conditions \_\_\_\_\_  
 \_\_\_\_\_
  
  - b. Method of sludge incorporation \_\_\_\_\_
  - c. Available equipment \_\_\_\_\_
  
7. Soil loss \_\_\_\_\_ tons/year/acre; soil loss limit \_\_\_\_\_ tons/year/acre
  
8. Is application land subject to flooding? Yes ☐ No ☐ Flood recurrence interval \_\_\_\_\_ years
  
9. Will sludge application ever take place on frozen or snow covered ground? Yes ☐ No ☐ Duration of freezing or snow covered conditions \_\_\_\_\_ Months Maximum slope of land to be used during freezing or snow covered conditions \_\_\_\_\_
  
10. Provide distances to the nearest:
 

occupied residence _____ feet	water well _____ feet;	stream _____ feet
lake or pond _____ feet;	sinkhole _____ feet	
tile line surface intake; down-grade from application area _____ feet		
  
11.
  - a. Will sludge be applied to land where the crops being grown will be grazed by or fed to livestock within two months of sludge application or where cereal grains will be harvested within two months of sludge application? Yes ☐ No ☐
  
  - b. Will sludge be applied to land subject to use by the general public? Yes ☐ No ☐